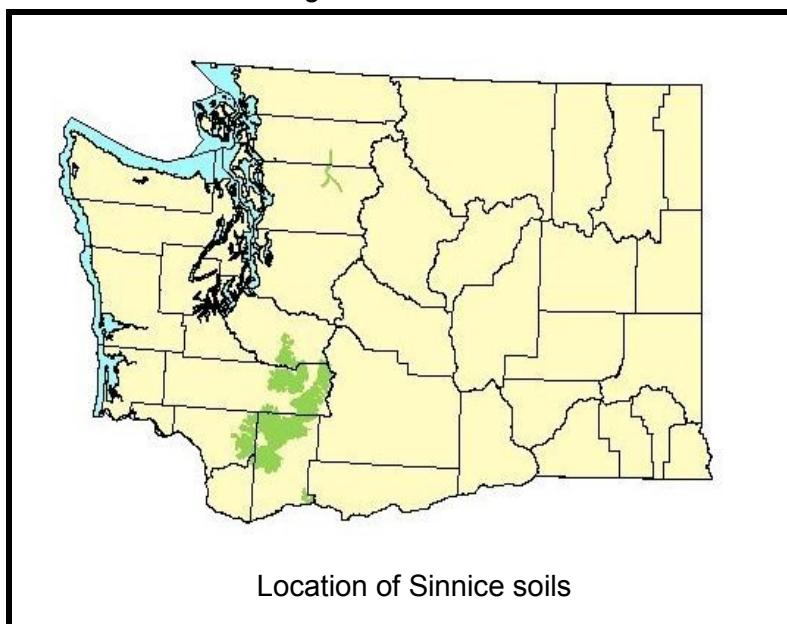
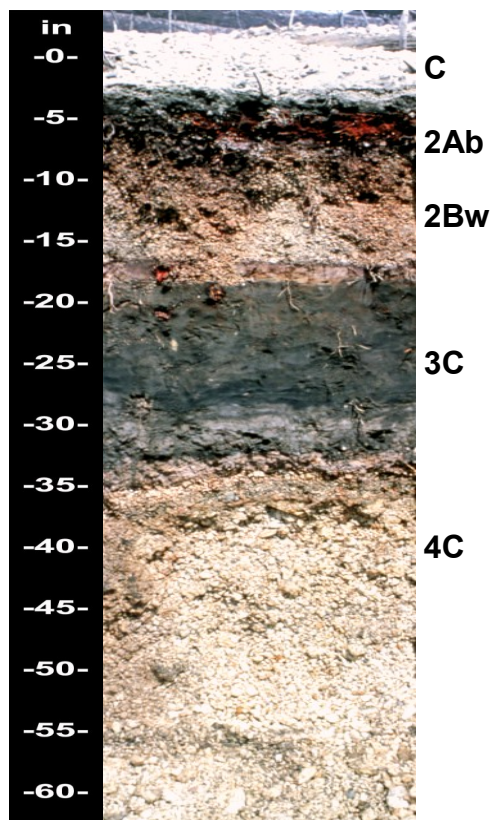


SINNICE SERIES



Sinnice soils are in the foreground



SINNICE SERIES

Land Resource Region A

Parent material: volcanic ash and pumice

Extent: Small extent

Climate: Average annual precipitation is about 125 inches, and average annual soil temperature is about 40 degrees F. The climate is characterized by cool, moist summers and cold, wet winters.

Depth: 60 or more inches

Drainage: Well drained

Average frost-free period: 75 to 90 days

Elevation: 2,800 to 5,000 feet

Soil order: Andisols - soils formed from the weathering of volcanic materials

Family classification: Ashy over pumiceous or cindery, glassy Thaptic Vitricryands

Sinnice soils are on mountain slopes in Cowlitz, King, Lewis, and Skamania Counties, Washington.

Uses: Timber production, recreation, wildlife habitat, and watershed

Natural vegetation is Douglas-fir, western hemlock, and Pacific Silver fir, Understory is western brackenfern, red huckleberry, vine maple, Sitka alder and willow.

Management considerations: Steep slopes in some areas limit forest management. Volcanic ash in the profile compacts during timber harvest when wet. Harvest operations should be done when these soils are dry.

The official soil series description is available online at:

https://soilseries.sc.egov.usda.gov/OSD_Docs/S/SINNICE.html